

IN THE CLAIMS:

1. (Currently amended). A method of producing a permanent magnet comprising the steps of:
 - preparing an admixture of magnetic material and binder material, said admixture having a particle size less than 325 mesh;
 - heating a carrier gas to a temperature substantially below the melting point of either component of said admixture;
 - introducing said admixture into said carrier gas;
 - spraying said admixture atop a ductile carrier, said admixture adhering to said carrier;
 - forming a solid permanent magnet; and
 - applying ~~an electric~~ a magnetic field to said magnet to ~~create~~ induce a permanent magnetic moment.
2. (Original). The method of claim 1, wherein said magnetic material is selected from the group consisting of iron, nickel, cobalt, samarium-cobalt, aluminum-nickel-cobalt, neodymium-iron-boron and samarium-iron-nickel or mixtures thereof.
3. (Original) The method of claim 2, wherein said binder material is selected from the group consisting of iron, nickel or cobalt or mixtures thereof.
4. (Original) The method of claim 1, wherein said carrier is aluminum.
5. (Original) The method of claim 1, wherein said carrier is iron.
6. (Currently Amended) A method of producing a permanent magnet attached to a component of an electric machine comprising the steps of:
 - preparing an admixture of magnetic material and binder material;
 - heating a carrier gas to a temperature substantially below the melting point of either component of said admixture;
 - introducing said admixture into said carrier gas;
 - spraying said admixture atop said component, said admixture adhering to said component;

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forming a solid permanent magnet adhered to said component; and
applying ~~an electric~~ a magnet field to said magnet to ~~create~~ induce
a permanent magnetic moment.

7. (Original) The method of claim 6, wherein said admixture of magnetic material and binder material have a particle size less than 325 mesh.
8. (Original) The method of claim 6, wherein said magnetic material is selected from the group consisting of iron, nickel, cobalt, samarium-cobalt, aluminum-nickel-cobalt, neodymium-iron-boron and samarium-iron-nickel or mixtures thereof.
9. (Original) The method of claim 6, wherein said binder material is selected from the group consisting of iron, nickel or cobalt or mixtures thereof.
10. (Original) The method of claim 6, wherein said carrier is aluminum.
11. (Original) The method of claim 6, wherein said carrier is iron.
12. (Original) The method of claim 6, wherein said electric machine is a motor.
13. (Original) The method of claim 6, wherein said electric machine is a generator.
14. (Original) The method of claim 6, further comprising the step of kinetically spraying a conductor coil atop a second component of said machine.
15. (Original) The method of claim 14, further comprising the step of aligning said component and said second component whereby said magnetic moment penetrates the coil.